

ABSTRACT OF THE DISCLOSURE

A voltage level shifter comprises a level changer and an output circuit. The level changer has a current block and a first transistor. A high voltage power supply higher than the potential of the low voltage power supply or the current block is connected to a source or a drain of the first transistor. The level changer outputs a potential of the high voltage power supply or a reference potential by a potential of an input signal inputted into the first transistor. The output circuit outputs an output signal having amplitude between the reference potential and the potential of the high voltage power supply when a signal from an output end of the level changer is inputted thereto.